

On page 15, at line 21, please delete the word "ambit" and substitute --gambit-- therefor.

On page 15, at line 23, please delete the word "DH5 α " and substitute --DH5 α^{TM} -- therefor.

On page 15, at line 33, please delete the word "DH5 α " and substitute --DH5 α^{TM} -- therefor.

On page 23, at line 33, please delete the word "Figure" and substitute --FIG.-- therefor.

On page 24, at line 11, please delete the words "Figures 2a and 2b" and substitute -- FIG. 2A and FIG. 2B-- therefor. At line 26, please delete the word "Figure" and substitute --FIG.--therefor. At line 32, please delete the words "figure 4a and 4b" and substitute -- FIG. 4A and FIG. 4B-- therefor.

On page 25, at line 1, please delete the words "Figures 4a and 4b" and substitute -- FIG. 4A and FIG. 4B-- therefor. At line 10, please delete the words "Figures 5a-5f" and substitute --FIG. 5A, FIG. 5B, FIG. 5C, FIG. 5D, FIG. 5E and FIG. 5F--therefor. At line 13, please delete the words "Figures 5a and 5b" and substitute --FIG. 5A and FIG. 5B-- therefor. At line 14, please delete the words "Figures 5c and 5d" and substitute --FIG. 5C

and FIG. 5D-- therefor. At line 15-16, please delete the words "Figures 5e and 5f" and substitute --FIG. 5E and FIG. 5F-- therefor. At line 32, please delete the words "Figures 6a and 6b" and substitute --FIG. 6A and FIG. 6B-- therefor.

On page 26, at line 11, please delete the words "Figure 7a" and substitute --FIG. 7A-- therefor. At line 13, please delete the words "Figure 7b" and substitute --FIG. 7B-- therefor. At line 15, please delete the words "Figure 7c" and substitute --FIG. 7C-- therefor. At line 18, please delete the words "Figure 7d" and substitute --FIG. 7D-- therefor. At line 21, please delete the words "Figure" and substitute --FIG.-- therefor.

On page 27, at line 4, please delete the words "Figures 9a and 9b" and substitute --FIG. 9A and FIG. 9B-- therefor. At line 16, please delete the words "Figures 10a and 10b" and substitute --FIG. 10A and FIG. 10B-- therefor. At line 34, please delete the words "Figures 11a, 11b, and 11c" and substitute --FIG. 11A, FIG. 11B, and FIG. 11C--therefor.

On page 28, at line 7, please delete the words "Figures 12a, 12b, and 12c" and substitute --FIG. 12A, FIG. 12B, and FIG. 12C-- therefor. At line 18, please delete the word "Figure" and substitute --FIG.-- therefor. At line 29, please delete the words "Figures 14a and 14b" and substitute --FIG. 14A and FIG. 14B--therefor.

On page 29, at line 6, please delete the word "Figure" and substitute --FIG.-- therefor. At line 16, please delete the word "Figure" and substitute --FIG.-- therefor. At line 27, please delete the word "Figure" and substitute --FIG.-- therefor.

On page 30, at line 1, please delete the word "Figure" and substitute --FIG.-- therefor.

On page 33, at line 6, please delete the word "polysonal" and substitute --polyclonal-- therefor.

On page 35, at line 33, please delete the word "polymerage" and substitute -- polymerase-- therefor and delete the word "ractive" and substitute --reaction-- therefor. Also on line 33, please delete the word "(PCR)" and substitute --(PCRTM)-- therefor.

On page 51, at line 26, please delete the word "hemmaglutinin" and substitute -- hemagglutinin-- therefor.

On page 54, at line 16, please delete the word "DH5 α " and substitute --DH5 α TM-- therefor. At line 27, please delete the word "subtilus" and substitute --subtilis-- therefor. At line 28, please delete the word "marcesans" and substitute --marcescens-- therefor.

On page 55, at line 5, please delete the word "pBR" and substitute --pBR322-- therefor. At line 22, please delete the word "cerevisiae" and substitute --cerevisiae-- therefor.

On page 57, at line 19, please delete the word "(e.g.,)" and substitute --(e.g.,-- therefor. At line 35, please delete the word "DH5 α " and substitute --DH5 α TM-- therefor.

On page 58, at line 29, please delete the word "mosm/l" and substitute --mosm/L-- therefor.

On page 60, at line 1, please delete the word "(e.g.,)" and substitute --(e.g.,-- therefor.

On page 61, at line 12, please delete the word "(e.g.,)" and substitute --(e.g.,-- therefor.

On page 62, at line 13, please delete the word "(e.g.,)" and substitute --(e.g.,-- therefor. At line 24, please delete the words "5 X 10⁷ to 2 X 10⁸" and substitute --5 × 10⁷ to 2 × 10⁸-- therefor.

On page 65, at line 25, please delete the words "[See, e.g.]" and substitute --[See, e.g.,-- therefor. At line 32, please delete the word "(e.g.)" and substitute --(e.g.,-- therefor.

~~On page 69, at line 18, please delete the word "mosm/l" and substitute --mosm/L-- therefor. At line 20, please delete the word "mosm/l" and substitute --mosm/L-- therefor.~~

~~On page 71, at line 23, please delete the word "e.g.,," and substitute --e.g.,-- therefor.~~

~~On page 72, at line 27, please delete the word "coli" and substitute --coli-- therefor.
At lines 33 and 34, please delete the word "radiolabelled" and substitute --radiolabeled-- therefor.~~

~~On page 74, lines 8 and 9, please delete the word "radiolabelled" and substitute --radiolabeled-- therefor at each occurrence.~~

~~On page 76, at line 18, please delete the word "(e.g.,," and substitute --(e.g.,-- therefor. At line 30, please delete the word "(e.g.,," and substitute --(e.g.,-- therefor.~~

~~On page 77, at line 6, please delete the word "mosm/l" and substitute --mosm/L-- therefor in both occurrences. At line 7, please delete the word "mosm/l" and substitute --mosm/L-- therefor. At line 8, please delete the word "mosm/l" and substitute --mosm/L-- therefor. At lines 21 and 31, please delete the word "(e.g.,," and substitute --(e.g.,-- therefor at each occurrence.~~

On page 78, at line 3, please delete the word "(e.g., " and substitute --(e.g.,-- therefor. At line 12, please delete the word "(i.e., " and substitute --(i.e.,-- therefor.

On page 79, at lines 22 and 26, please delete the word "(e.g., " and substitute --(e.g.,-- therefor at each occurrence.

On page 80, at line 21, please delete the word "PCR" and substitute --PCRTM-- therefor.

On page 82, at line 15, please delete the word "etc.)" and substitute --etc.)-- therefor.

On page 85, at line 32, please delete the word "cholecytokinin" and substitute --cholescytokinin-- therefor.

On page 86, at line 23, please delete the words "(e.g.,kappa" and substitute --(e.g., kappa-- therefor. At line 26, please delete the word "(e.g., " and substitute --(e.g.,-- therefor. At line 33, please delete the words "Spe I" and substitute --SpeI-- therefor. At line 29, please delete the words "chimeric receptor receptor" and substitute --chimeric receptor-- therefor.

On page 87, at lines 3 and 7, please delete the words "Spe I" and substitute --*SpeI*-- therefor at each occurrence. At line 13, please delete the word "(e.g.,)" and substitute --(e.g.,-- therefor.

On page 88, at line 9, please delete the words "Spe I" and substitute --*SpeI*-- therefor. At line 14, please delete the word "EcoRI" and substitute --*EcoRI*-- therefor and delete the words "Sal I" and substitute --*SalI*-- therefor. At line 20 and 21, please delete the words "Eco RI/Spe I" and substitute --*EcoRI/SpeI*-- therefor.

On page 90, at line 1, please delete the word "(e.g.,)" and substitute --(e.g.,-- therefor. At lines 4 and 9, please delete the word "SpeI" and substitute --*SpeI*-- therefor at each occurrence. At line 17, please delete the word "(e.g.,)" and substitute -- (e.g.,-- therefor.

On page 91, at line 31, please delete the words "in vitro" and substitute --*in vitro*-- therefor. At line 32, please delete the word "SpeI" and substitute --*SpeI*-- therefor.

On page 92, at line 7, please delete the word "ug/ml" and substitute -- μ g/ml-- therefor. At line 9, please delete the word "SpeI" and substitute --*SpeI*-- therefor. At line 18, please delete the word "(e.g.,)" and substitute (e.g.,-- therefor. At line 21, please delete the word "EcoRI/SpeI" and substitute --*EcoRI/SpeI*-- therefor. At line 22, please delete the word "SalI/SpeI" and substitute --*SalI/SpeI*-- therefor. At line, please delete the word "PCR" and substitute --PCRTM-- therefor.

On page 93, at line 30, please delete the words "et al.,," and substitute --*et al.*,-- therefor.

On page 94, at line 12, please delete the words "et al.,," and substitute --*et al.*,-- therefor at each occurrence.

On page 96, at lines 14 and 15, please delete the words "et al.,," and substitute --*et al.*,-- therefor.

On page 97, at line 6, please delete the word "e.g.," and substitute --*e.g.*,-- therefor. At line 25, please delete the word "EcoRI" and substitute --*EcoRI*-- therefor and delete the word "SalI" and substitute --*SalI*-- therefor. At line 29, please delete the words "SalI, EcoRI and SalI," and substitute --*SalI, EcoRI and SalI*,-- therefor.

On page 98, at lines 25 and 28, please delete the word "MboI" and substitute --*MboI*-- therefor at each occurrence.

On page 99, at line 6, please delete the word "EcoRI" and substitute --*EcoRI*-- therefor, also delete the word "SalI" and substitute --*SalI*-- therefor. At line 7, delete the word "XbaI" and substitute the word --*XbaI*-- therefor. At line 8, delete the word "MboI" and substitute --*MboI*-- therefor. At line 12, delete the words "EcoRI, SalI and XbaI," and substitute --*EcoRI, SalI and XbaI*,-- therefor, also delete the word "MboI" and substitute --

MboI-- therefor. At line 14, delete the word "PCR" and substitute --PCR™-- therefor. At line ¹⁶ 38, please delete the words "SalI and EcoI)" and substitute --*SalI* and *EcoI*-- therefor.

On page 100, at lines 5 and 8, please delete the word "MboI" and substitute --*MboI*-- therefor at each occurrence. At line 10, please delete the word "PCR" and substitute --PCR™-- therefor. At line 26, please delete the word "(e.g.,)" and substitute --(e.g.,)-- therefor. At line 31, please delete the word "et al." and substitute --*et al.*-- therefor at each occurrence.

On page 102, at line 20, please delete the words "et al.," and substitute --*et al.*,-- therefor.

On page 103, at line 24, please delete the words "et al." and substitute --*et al.*,-- therefor. At line 31, please delete the words "100,000 x g" and substitute --100,000 × g-- therefor.

On page 104, at line 9, please delete the word "Eppendorf" and substitute --Eppendorf-- therefor.

On page 105, at line 33, please delete the words "et al.," and substitute --*et al.*,-- therefor.

On page 106, at lines 11 and 14, please delete the words "et al., " and substitute --*et al.*,-- therefor at each occurrence.

On page 107, at lines 1 and 2, please delete the words "et al., " and substitute --*et al.*,-- therefor at each occurrence.

On page 108, at line 9, please delete the word "antiseras" and substitute --antisera's-- therefor. At lines 32 and 33, please delete the words "et al., " and substitute --*et al.*,-- therefor.

On page 112, at line 32, please delete the words "et al., " and substitute --*et al.*,-- therefor.

On page 113, at line 16, please delete the words "et al., " and substitute --*et al.*,-- therefor. At line 34, please delete the words "in situ" and substitute --*in situ*-- therefor.

On page 115, at line 2, please delete the words "in situ" and substitute --*in situ*-- therefor. At line 34, please delete the words "(1 uM)" and substitute --(1 μ M)-- therefor.

On page 116, at line 8, please delete the words "2 x" and substitute --2X-- therefor. At line 9, please delete the words "0.1 x" and substitute --0.1X-- therefor. At line 22, please delete the words "PstI/EcoRI" and substitute --*PstI/EcoRI*-- therefor. At lines 24, 27,

and 28, please delete the words "et al." and substitute --*et al.*-- therefor at each occurrence.

At line 32, please delete the words "4 x" and substitute --4X-- therefor.

On page 117, at lines 5, 7, 8, and 9, please delete the words "2 x" and substitute --2X-- therefor at each occurrence. At line 12, please delete the words "et al." and substitute --*et al.*-- therefor.

On page 118, at lines 31 and 32, please delete the words "et al., " and substitute --*et al.*,-- therefor.

On page 119, at line 30, please delete the word "radilabelled" substitute --radiolabeled-- therefor.

On page 121, at line 32, please delete the words "1 x 10⁶" and substitute --1 × 10⁶-- therefor.

On page 122, at line 13, please delete the words "0.1 x" and substitute --0.1X-- therefor. At line 34, please delete the word "Fig." and substitute --FIG.-- therefor.

On page 123, at line 13, please delete the word "Fig." and substitute --FIG.-- therefor. At line 34, please delete the words "Eco Ri-Sac I" and substitute --*EcoRI-SacI*-- therefor.

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N.C. On page 124, at lines 31 and 35, please delete the words "Tris-HCl" and substitute --
Tris-HCl-- therefor.

On page 127, at line 34, please delete the words "forkolin-stimulated" and substitute -
-forskolin-stimulated-- therefor.

On page 128, at line 1-2, please delete the words "Fig. 2a and 2b" and substitute --
FIG. 2A and FIG. 2B-- therefor. At line 23, please delete the word "Pst I" and substitute --
PstI-- therefor. At line 16, please delete the words "2 x" and substitute --2X-- therefor. At
lines 17 and 24, please delete the words "0.1 x" and substitute --0.1X-- therefor.

On page 130, at line 18, please delete the word "kappa1" and substitute --kappa₁--
therefor.

On page 131, at line 34, please delete the words "in vivo" and substitute --in vivo--
therefor.

On page 135, at line 15, please delete the word "Figure" and substitute --FIG.--
therefor. At line 16, please delete the words "Figure 4a and 4b" and substitute --FIG. 4A
and FIG. 4B--therefor. At lines 24, 25, and 26, please delete the words "Eco R1" and
substitute --EcoRI-- therefor. At line 27, please delete the words "Eco R1" and substitute --

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~~EcoRI-- therefor. At line 27, please delete the words "E. coli" and substitute --E. coli--~~
~~therefor. At line 30, please delete the word "Figure" and substitute --FIG.-- therefor.~~

~~On page 136, at line 22, please delete the words "Figure 4a and 4b" and substitute --~~
~~FIG. 4A and FIG. 4B-- therefor. At line 29, please delete the word "Figure" and substitute -~~
~~-FIG.-- therefor.~~

~~On page 137, at line 11, please delete the words "Pst I" and substitute --PstI--~~
~~therefor. At line 18, please delete the words "EcoRI-Sac I" and substitute --EcoRI-SacI--~~
~~therefor. At line 33, please delete the words "Tris-HCl" and substitute --Tris-HCl-- therefor.~~

~~On page 138, at line 2, please delete the words "24,000 κ g" and substitute --24,000~~
 ~~\times g-- therefor. At lines 18 and 21, please delete the words "Tris-HCl" and substitute --~~
~~Tris-HCl-- therefor at each occurrence.~~

~~On page 139, at line 2, please delete the words " Fig 5A and 5B and substitute --FIG.~~
~~5A and FIG. 5B-- therefor.~~

~~On page 141, at line 15, please delete the word "levorphano" and substitute --~~
~~levorphanol-- therefor.~~

On page 146, at line 1, please delete the two occurrences of the word "Fig" and substitute --FIG.-- therefor at each occurrence.

On page 147, at line 35, please delete the words "Figures 7(C) and 7(D)" and substitute --FIG. 7C and FIG. 7D-- therefor.

On page 148, at lines 9, 15, 18, and 27, please delete the words "Spe I" and substitute --SpeI-- therefor at each occurrence.

On page 149, at line 7, please delete the words "Fig. *" and substitute --FIG. 8-- therefor. At line 22, please delete the words "Tris-HCl" and substitute --Tris-HCl-- therefor.

On page 150, at line 15, please delete the word "Fig." and substitute --FIG.-- therefor. At line 23, please delete the word "Fig." and substitute --FIG.-- therefor.

On page 151, at line 14, please delete the word "HCl" and substitute --HCl-- therefor at each occurrence. At line 18, please delete the words "Fig. 10A and 10B" and substitute --FIG. 10A and FIG. 10B-- therefor. At line 35, please delete the word "Fig." and substitute --FIG.-- therefor.

On page 152, at line 10, please delete the word "Fig." and substitute --FIG.-- therefor. At line 11, please delete the word "Figure" and substitute --FIG.-- therefor.

On page 155, at line 7, please delete the word "(GGCGGCCCATCAACATCTTCGT)" and substitute --(GGCGCCCATCAACATCTTCGT)-- therefor. At line 26, delete the words "24,000 x g" and substitute --24,000 × g-- therefor. At line 28, delete the words "48,000 x g" and substitute --48,000 × g-- therefor. At line 30, please delete the words "ug protein)" and substitute --μg protein)-- therefor.

On page 156, at line 2, please delete the word "Tris-HCl" and substitute --Tris-HCl-- therefor. At line 24, please delete the words "1N NC1" and substitute --1N NCl-- therefor. At line 34, please delete the words "11a, 11b, and 11c. Figure 11a" and substitute --11A, 11B, and 11C. Figure 11A-- therefor.

On page 157, at line 1, please delete the words "Figure 11b" and substitute --FIG. 11B-- therefor. At line 2, please delete the words "figure 11c" and substitute --FIG. 11C-- therefor. At line 22-23, please delete the words "Figures 12a, 12b, and 12c. Figure 12a" and substitute --FIG. 12A, FIG. 12B, and FIG. 12C. FIG. 12A-- therefor. At line 28, please delete the words "Figure 12b" and substitute --FIG. 12B-- therefor. At line 33, please delete the words "Figure 12c" and substitute --FIG. 12C-- therefor.

On page 159, at line 38, please delete the word "Figure" and substitute --FIG.-- therefor.

On page 160, at line 6, please delete the words "1 um" and substitute --1 μ M-- therefor.

On page 176, at lines 4 and 11, please delete the words "et al.," and substitute --et al.-- therefor at each occurrence.

On page 178, at lines 5, 6, 22, 23, 24, and 33, please delete the words "et al.," and substitute --et al.,-- therefor. At line 9, please delete the words --(Prime-It," and substitute - -Prime-It",-- therefor. At line 11, please delete the words "EcoR V and Xba I" and substitute --EcoR V and XbaI-- therefor. At line 13, please delete the words "2 x" and substitute --2X-- therefor. At line 14, please delete the words "0.2 x" and substitute --0.2X-- therefor. At line 27, please delete the word "Fig." and substitute --FIG.-- therefor.

On page 179, at line 50, please delete the words "et al.," and substitute --et al.-- therefor.

On page 181, at line 27, please delete the word "radiolabelled" and substitute -- radiolabeled-- therefor. At line 28, please delete the word "Figure" and substitute --FIG.-- therefor. At line 38, please delete the words "et al.," and substitute --et al.,-- therefor. At line 41, please delete the word "Figure" and substitute --FIG.-- therefor.

On page 182, at lines 12, and 24, please delete the words "et al.,," and substitute --*et al.*-- therefor at each occurrence. At lines 18, 22, 27, 29, and 31, please delete the word "Fig." and substitute --FIG.-- therefor at each occurrence.

On page 183, at lines 6, 22, and 33, please delete the words "et al.,," and substitute --*et al.*-- therefor at each occurrence. At line 32, please delete the words "in vivo" and substitute --*in vivo*-- therefor.

On page 184, at lines 1 and 15, please delete the words "et al.,," and substitute --*et al.*-- therefor.

On page 220, at line 35, please delete the word "Figure" and substitute --FIG.-- therefor.

On page 221, at line 5, please delete the word "Figure" and substitute --FIG.-- therefor.

On page 223, at line 35, please delete the word "Figure" and substitute --FIG.-- therefor.

On page 224, at line 5, please delete the word "Figure" and substitute --FIG.-- therefor.